KEY TO ARTICLES

IN VOLUME 106 FOR 2005

AUTHORS

A

AHVENLAMPI, T. See RANTANEN, R. AIN, R. et al. Impacts of ink properties on downstream piling. (T255) 12:75.

ALAVA, M. See DUBÉ, M. ALEXANDER, C. See SKÅRGÅRD, O.

ALLEN, L. et al. Improved deresination during oxygen delignification. Part II: Effects of blended surfactant addition. (T39) 2:41.

ALLEN, L.H. et al. Effectiveness of retention aids for pitch control in TMP newsprint manufacture. Part I: Low Shear. (T282) 12:102.

ALLEN, L.H. et al. Effectiveness of retention aids for pitch control in TMP newsprint manufacture. Part II: High Shear. (T288). 12:108.

ARAKAWA, Y. et al. Experience with high pressure and high temperature recovery boilers for two decades. (T269) 12:89.

ASSELIN, C. et al. Pilot testing and full-scale implementation of the low sludge production (LSP) process. (T133) 6:32.

B

BABA, Y. See ARAKAWA, Y. BÉDARD, P. See DING, F. BELLIVEAU, R. See LI, Z. BENAOUDIA, M. See DING, F. BERNARD, G. et al. Customized setup to assess microgloss uniformity of paper. (T190) 9:36.

BERRY, R. See LUTHE, C. BESSETTE, P.-A. See MACLEOD, M. BICHO, P. See MISCHKI, T. BICHO, P. See STIRLING, R.

BLATCHFORD, A. See KRYZANOWSKI, T.

BOUCHARD, D. Mill process optimization – staying competitive. 9:13.

BOUCHARD, J. See ALLEN, L. BOUGHNER, R.T. The first century. 12:25.

BRADLEY, M. et al. Kyoto and what it means for the forest sector, 4:10. BRANCH, B. See LJ, Z.

BREUIL, C. See STIRLING, R. BREWSTER, D.B. A mathematical model of the groundwood process:

Part I: General. (T137) 6:36. BREWSTER, D.B. et al. A mathematical model of the groundwood process: Part 2: Log. Grinding. (T141) 6:40.

C

CALL, H.-P. et al. New generation of enzymatic delignification and bleaching. (T13) 1:45.

CALL, S. See CALL, H.-P. CALVO, A. et al. The problem with safety training. 5:54.

CAO, B. et al. Analyzing contaminants in OCC: Wax or not wax? (T82) 4:41.

CARRUTHERS, D. 200th Anniversary of papermaking in Canada. 9:10. CHABOT, B. See DUBÉ, M. CHABOT, B. See THIBODEAU, J.-B.

CHAGAEV, O. et al. The effects of sulphonation and high-intensity refining on the ultra-high-yield pulping of spruce. (T245). 12:65.

CHAN, A. See CALVO, A. CHANDRAGHATGI, R. See SUSILO,

CHICOINE, K. See ASSELIN, C. COURT, G. See LI, Z. COURT, G. See LIU, Z. CROWELL, M. See LI, Z.

D

DANEAULT, C. See DUBÉ, M.
DANEAULT, C. See LEDUC, C.
DANEAULT, C. See THIBODEAU, J.
B.

DAVIES, D. See SUESS, H.U. DAVIES, D. RFID – Radio Frequency IDentification, 2:17.

DAVIES, D. What's the problem? 3:48. DAVIES, D. VOIP (Voice over Internet Protocol). 5:15.

DAVIES, D. Travels with my agent. 6:11.

DAVIES, D. Instant Messaging: A new form of business communication. 7/8:61.

DAVIES, D. Voicemail Jail. 11:17. DAVIES, D. WeBlogs. 12:39.

DING, F. et al. Wood chip physical quality definition and measurement. (T25) 2:27.

DORT, A. See MACLEOD, M. DOUGHERTY, W. See SREEKUMAR J. DRUMMOND, J. See MISCHKI, T.

DUBÉ, M. et al. Fundamentals of fluid front roughening in imbibition. (T178) 9:24.

DUPRÉ, J.P. Back to the future in sheeting and converting, 6:14.

E

EDHOLM, B. See MESIC, B. ELLIOTT, G.C. The five steps that ensure major maintenance success: Avoiding the trap of unintended consequences, 11:23.

ENGLEZOS, P. See SUSILO, R. ENGSTRÖM, G. See MESIC, B. ÉTIÉGNI, L. See ORORI, B.O.

F

FARD, M.P. See LEVESQUE, D. FARNOOD, R. See BERNARD, G. FARNOOD, R. See SREEKUMAR, J. FAUBERT, M. See ALLEN, L. FOGELHOLM, C.-J. See KANKKUNEN, A. FORSGREN, H. See LINDGREN, T.

G

GAGNÉ, P. See DING, F. GALBRAITH. P. See HINDE, S. GANE, P.A.C. et al. Print rub determination: A novel laboratory method to simulate practice. (T215) 10:51.

GARNER, A. See BRADLEY, M.
GARNER, A. Thiosulphate and paper
machine corrosion, 2:10,
GEE, W. See MISCHKLT,
GEE, W. See WATSON, P.A.

GIBSON, A. See LI, Z.
GIBSON, A. See THAKORE, A.
GONGALVES, C. See VII LAPROF

GONÇALVES, C. See VILLARROEL, R. GREENBAUM, P.J. India: The making

of a market economy. 5:16. GREENBAUM, P.J. The future of energy in the post-Kyoto world.

7/8:20.
GRONEWOLD, J. Reducing bottleneck in high speed wraplines. 12:33.
GUSTAFSSON, T. See LINDGREN, T.

GUTZWILLER, L. et al. Understanding vibration and imbalance in industrial fans. 7/8:23.

H

HAMEL, J. See McDONALD, D. HEINTZE, H. International Printing and Graphic Arts Conference. 1: 16.

HEINTZE, H. The economical measurement of rotogravure ce!! skipping. (T1) 1:33.

skipping, (11) 1:35.
HEISE, O. See CAO, B.
HEITNER, C. See CHAGAEV, O.
HELLSTERN, M. See CHAGAEV, O.
HENRY, D. et al. Automated methods
for the determination of sclereids in
pulp. (T120) 6:29.

HINDE, S. et al. PLCS Help minimize downtime and training costs at NorskeCanada's Crofton Division paper mill. 10:30.

HOFFMAN, J. et al. A precise method to measure the sclereid content of kraft pulps. (T168) 7/8:48.

HUMES, B. Detailed field-based information prolongs machinery health. 5:24.

HUNTER, C. How electricity can kill. 2:54.

HUNTER, C. How electricity can kill, Part II. 3:50.

HUNTER, C. PPHSA celebrates 90

years of health and safety achievement. 6:50.

HUNTER, C. The Top: Management makes the biggest difference. 9:46. HUNTER, C. Pulp and Paper Health and Safety Conference 2005. 12:46. HUSSEIN, A. See WATSON, P.A.

JÄRVINEN, M. See KANKKUNEN, A. JETTÉ, F. See KISH, J.R. JOHAL, S.S. See WATSON, P.A. JOHANSSON, D. See LINDGREN, T.

JOHANSSON, D. See LINDGREN, T. JONES, D. Enzymes: Using mother nature's tools to control man-made stickies. 2:23.

K

KANKKUNEN, A. et al. Shape characeristics of non-spherical black liquor droplets. (T251) 12:71.

KEATON, D. Pulp and Paper Mills, especially in Canada, strained more than ever by costs and currency issues. 11:9.

KEISER, J.R. See KISH, J.R. KISH, J.R. et al. Cracking and corrosion performance of composite tubes and air port designs in a kraft recovery boiler. (1223) 11:30.

KISH, J.R. et al. Near-drum tube thinning in coastal power boilers. (T173) 7/8:53.

(1173) 7/8:33.

KISH, J.R. et al. North American
experience with composite tubes in
kraft recovery boilers. (T75) 4:34.

KJERULF, M. See RUPPENSTEIN, J.

KOEPENICK, M. Welcome to the nano

age. 1: 20. KORTELA, U. See PUOLAKKA, H.-M. KOZLIK, T. See GANE, P.A.C.

KORTELA, U. See PUOLAKKA, H.-M. KOZLIK, T. See GANE, P.A.C. KREFT, K. See MACLEOD, M. KRYZANOWSKI, T. Al-Pac cashes in on

hybrid poplar research. 2:18. KRYZANOWSKI, T. et al. Wood starvation more likely in future if allocation cutbacks continue. 4:30.

KULI, T.J. See GUTZWILLER, L.

L

LALLY, J. See SUESS, H.U.

LANG, D. et al. Harmonizing your
paper machine operation: Getting
all the loops to work in concert.
(T210) 10:46.

LANOUETTE, R. See DING, F. LAPOINTE, C.L. See ALLEN, L.H. LAW, K. An autopsy of refiner mechanical pulp. (T5) 1:37.

LEDUC, C. et al. Use of zeolites for the peroxide bleaching of mechanical pulp. (T92) 4:51.

LEJEUNE, C. See DING, F. LEPPER, J. Cross profile qualities for

Pulp & Paper Canada

KEY TO ARTICLES

IN VOLUME 106 FOR 2005

AUTHORS

A

AHVENLAMPI, T. See RANTANEN, R. AIN, R. et al. Impacts of ink properties on downstream piling. (T255) 12:75.

ALAVA, M. See DUBÉ, M. ALEXANDER, C. See SKÅRGÅRD, O.

ALLEN, L. et al. Improved deresination during oxygen delignification. Part II: Effects of blended surfactant addition. (T39) 2:41.

ALLEN, L.H. et al. Effectiveness of retention aids for pitch control in TMP newsprint manufacture. Part I: Low Shear. (T282) 12:102.

ALLEN, L.H. et al. Effectiveness of retention aids for pitch control in TMP newsprint manufacture. Part II: High Shear. (T288). 12:108.

ARAKAWA, Y. et al. Experience with high pressure and high temperature recovery boilers for two decades. (T269) 12:89.

ASSELIN, C. et al. Pilot testing and full-scale implementation of the low sludge production (LSP) process. (T133) 6:32.

B

BABA, Y. See ARAKAWA, Y. BÉDARD, P. See DING, F. BELLIVEAU, R. See LI, Z. BENAOUDIA, M. See DING, F. BERNARD, G. et al. Customized setup to assess microgloss uniformity of paper. (T190) 9:36.

BERRY, R. See LUTHE, C. BESSETTE, P.-A. See MACLEOD, M. BICHO, P. See MISCHKI, T. BICHO, P. See STIRLING, R.

BLATCHFORD, A. See KRYZANOWSKI, T.

BOUCHARD, D. Mill process optimization – staying competitive. 9:13.

BOUCHARD, J. See ALLEN, L. BOUGHNER, R.T. The first century. 12:25.

BRADLEY, M. et al. Kyoto and what it means for the forest sector, 4:10. BRANCH, B. See LJ, Z.

BREUIL, C. See STIRLING, R. BREWSTER, D.B. A mathematical model of the groundwood process:

Part I: General. (T137) 6:36. BREWSTER, D.B. et al. A mathematical model of the groundwood process: Part 2: Log. Grinding. (T141) 6:40.

C

CALL, H.-P. et al. New generation of enzymatic delignification and bleaching. (T13) 1:45.

CALL, S. See CALL, H.-P. CALVO, A. et al. The problem with safety training. 5:54.

CAO, B. et al. Analyzing contaminants in OCC: Wax or not wax? (T82) 4:41.

CARRUTHERS, D. 200th Anniversary of papermaking in Canada. 9:10. CHABOT, B. See DUBÉ, M. CHABOT, B. See THIBODEAU, J.-B.

CHAGAEV, O. et al. The effects of sulphonation and high-intensity refining on the ultra-high-yield pulping of spruce. (T245). 12:65.

CHAN, A. See CALVO, A. CHANDRAGHATGI, R. See SUSILO,

CHICOINE, K. See ASSELIN, C. COURT, G. See LI, Z. COURT, G. See LIU, Z. CROWELL, M. See LI, Z.

D

DANEAULT, C. See DUBÉ, M.
DANEAULT, C. See LEDUC, C.
DANEAULT, C. See THIBODEAU, J.
B.

DAVIES, D. See SUESS, H.U. DAVIES, D. RFID – Radio Frequency IDentification, 2:17.

DAVIES, D. What's the problem? 3:48. DAVIES, D. VOIP (Voice over Internet Protocol). 5:15.

DAVIES, D. Travels with my agent. 6:11.

DAVIES, D. Instant Messaging: A new form of business communication. 7/8:61.

DAVIES, D. Voicemail Jail. 11:17. DAVIES, D. WeBlogs. 12:39.

DING, F. et al. Wood chip physical quality definition and measurement. (T25) 2:27.

DORT, A. See MACLEOD, M. DOUGHERTY, W. See SREEKUMAR J. DRUMMOND, J. See MISCHKI, T.

DUBÉ, M. et al. Fundamentals of fluid front roughening in imbibition. (T178) 9:24.

DUPRÉ, J.P. Back to the future in sheeting and converting, 6:14.

E

EDHOLM, B. See MESIC, B. ELLIOTT, G.C. The five steps that ensure major maintenance success: Avoiding the trap of unintended consequences, 11:23.

ENGLEZOS, P. See SUSILO, R. ENGSTRÖM, G. See MESIC, B. ÉTIÉGNI, L. See ORORI, B.O.

F

FARD, M.P. See LEVESQUE, D. FARNOOD, R. See BERNARD, G. FARNOOD, R. See SREEKUMAR, J. FAUBERT, M. See ALLEN, L. FOGELHOLM, C.-J. See KANKKUNEN, A. FORSGREN, H. See LINDGREN, T.

G

GAGNÉ, P. See DING, F. GALBRAITH. P. See HINDE, S. GANE, P.A.C. et al. Print rub determination: A novel laboratory method to simulate practice. (T215) 10:51.

GARNER, A. See BRADLEY, M.
GARNER, A. Thiosulphate and paper
machine corrosion, 2:10,
GEE, W. See MISCHKLT,
GEE, W. See WATSON, P.A.

GIBSON, A. See LI, Z.
GIBSON, A. See THAKORE, A.
GONGALVES, C. See VII LAPROF

GONÇALVES, C. See VILLARROEL, R. GREENBAUM, P.J. India: The making

of a market economy. 5:16. GREENBAUM, P.J. The future of energy in the post-Kyoto world.

7/8:20.
GRONEWOLD, J. Reducing bottleneck in high speed wraplines. 12:33.
GUSTAFSSON, T. See LINDGREN, T.

GUTZWILLER, L. et al. Understanding vibration and imbalance in industrial fans. 7/8:23.

H

HAMEL, J. See McDONALD, D. HEINTZE, H. International Printing and Graphic Arts Conference. 1: 16.

HEINTZE, H. The economical measurement of rotogravure ce!! skipping. (T1) 1:33.

skipping, (11) 1:35.
HEISE, O. See CAO, B.
HEITNER, C. See CHAGAEV, O.
HELLSTERN, M. See CHAGAEV, O.
HENRY, D. et al. Automated methods
for the determination of sclereids in
pulp. (T120) 6:29.

HINDE, S. et al. PLCS Help minimize downtime and training costs at NorskeCanada's Crofton Division paper mill. 10:30.

HOFFMAN, J. et al. A precise method to measure the sclereid content of kraft pulps. (T168) 7/8:48.

HUMES, B. Detailed field-based information prolongs machinery health. 5:24.

HUNTER, C. How electricity can kill. 2:54.

HUNTER, C. How electricity can kill, Part II. 3:50.

HUNTER, C. PPHSA celebrates 90

years of health and safety achievement. 6:50.

HUNTER, C. The Top: Management makes the biggest difference. 9:46. HUNTER, C. Pulp and Paper Health and Safety Conference 2005. 12:46. HUSSEIN, A. See WATSON, P.A.

JÄRVINEN, M. See KANKKUNEN, A. JETTÉ, F. See KISH, J.R. JOHAL, S.S. See WATSON, P.A. JOHANSSON, D. See LINDGREN, T.

JOHANSSON, D. See LINDGREN, T. JONES, D. Enzymes: Using mother nature's tools to control man-made stickies. 2:23.

K

KANKKUNEN, A. et al. Shape characeristics of non-spherical black liquor droplets. (T251) 12:71.

KEATON, D. Pulp and Paper Mills, especially in Canada, strained more than ever by costs and currency issues. 11:9.

KEISER, J.R. See KISH, J.R. KISH, J.R. et al. Cracking and corrosion performance of composite tubes and air port designs in a kraft recovery boiler. (1223) 11:30.

KISH, J.R. et al. Near-drum tube thinning in coastal power boilers. (T173) 7/8:53.

(1173) 7/8:33.

KISH, J.R. et al. North American
experience with composite tubes in
kraft recovery boilers. (T75) 4:34.

KJERULF, M. See RUPPENSTEIN, J.

KOEPENICK, M. Welcome to the nano

age. 1: 20. KORTELA, U. See PUOLAKKA, H.-M. KOZLIK, T. See GANE, P.A.C.

KORTELA, U. See PUOLAKKA, H.-M. KOZLIK, T. See GANE, P.A.C. KREFT, K. See MACLEOD, M. KRYZANOWSKI, T. Al-Pac cashes in on

hybrid poplar research. 2:18. KRYZANOWSKI, T. et al. Wood starvation more likely in future if allocation cutbacks continue. 4:30.

KULI, T.J. See GUTZWILLER, L.

L

LALLY, J. See SUESS, H.U.

LANG, D. et al. Harmonizing your
paper machine operation: Getting
all the loops to work in concert.
(T210) 10:46.

LANOUETTE, R. See DING, F. LAPOINTE, C.L. See ALLEN, L.H. LAW, K. An autopsy of refiner mechanical pulp. (T5) 1:37.

LEDUC, C. et al. Use of zeolites for the peroxide bleaching of mechanical pulp. (T92) 4:51.

LEJEUNE, C. See DING, F. LEPPER, J. Cross profile qualities for

Pulp & Paper Canada

ultra-thin papers. (T186) 9:32.

LESTELIUS, M. See MESIC, B.

LEVESQUE, D. et al. BLSpray: Understanding the effects of black liquor properties and splash-plate nozzle configuration on spray characteristics. (T198) 10:34.

L1, Z. et al. Using magnesium hydroxide (Mg(OH)2) as the alkali source in peroxide bleaching at Irving Paper. (T125) 6:24.

LI, Z. See LIU, Z.

LIND, T. See BREWSTER, D.B. LINDGREN, T. et al. Model predictive control of the chip level in a continuous pulp digester — a case study. (T239) 11:46.

LING, J. See RICARD, M. LITTLE, J. Cracks in global safety management thinking, 7/8:62.

LITTLE, J. Top performing mills share new initiatives and best practices.10:62.

LITTLE, J. Reliability-centred maintenance and dynamic maintenance safety – A winning team. 11:54.

LIU, Z. et al. Peroxide bleaching of low-freeness TMP. (T63) 3:34.LÓNNBERG, B. See BREWSTER, D.B.

LUEDTKE, H. See ASSELIN, C. LUTHE, C. et al. Polysulphide pulping of western softwoods: Yield benefits and effects on pulp properties. (T566-3:27.

LUTHE, C. et al. Pulping of white birch: How to maximize yield. (T277) 12:97.

LYNCH, H. Capital expenditures lead to capital rewards. 3:12.

LYNCH, H. PaperWeek 2005 Business Luncheon: Cautious but constructive, 4:27.

LYNCH, H. Safest mill in Canada 2004. 4:66.

LYNCH, H. Training for safety, training for problem solving. 5:10.

LYNCH, H. Pacific Coast Branch Technical Mini-Conference has winning combination. 6:22.

LYNCH, H. PacWest 2005: Partners for a progressive future. 7/8:12.

LYNCH, H. Minas Basin installs thermal energy technology, 10:20, LYNCH, H. CIC meets customer

satisfaction, 10:25, LYNCH, H. A call for change –

MidWest 2005. 11:20 LYNCH, H. The environmental footprint. 12:16.

M

MacHATTIE, R. See SKÅRGÅRD, O. MACLEOD, M. Bleaching – Is it an ECF world after all?. 9:16.

MACLEOD, M. et al. Crushing: Is this any way to treat overthick softwood chips for kraft pulping? (T42) 2:44.

MAEDA, T. See ARAKAWA, Y. McDONALD, D. et al. Out-of-round paper rolls. (T110) 5:35.

McINTYRE, B. China: Risks and Rewards, 12:31.

MÉNARD, A. See McDONALD, D. MESIG, B. et al. Printability of PEcoated paperboard with water-borne flexography: Effects of corona treatment and surfactants addition. (T229) 11:36.

MIIKKULAINEN, P. See KANKKUNEN, A.

MILLAR, E. Performance improvement challenges: The way ahead. 10:28.

MISCHKI, T. et al. The effects of decadent western hemlock on pulping and pulp properties. (T17) 1:49.

MORISSETTE, L. See REID, D.W. MORRISON, S. See LEVESQUE, D. MULLINDER, J. Paper users face new blue box tax in Ontario and Quebec, 7/8:15. MURPHY, R. See LI, Z.

N

NI, Y. See LI, Z. NI, Y. See LIU, Z. NISSINEN, A. See LANG, D. NUYAN, S. See LANG, D.

O

OEI, J. See THAKORE, A.
OFUSU-ASIEDU, K. See ORORI, B.O.
ORCCOTOMA, J.-A. See RICARD, M.
ORORI, B.O. et al. Decolorization of a
pulp and papermill effluent in
Webuye, Kenya, by a combination of
electrochemical and coagulation
methods. (T50) 3:21.

ORZECHOWSKA, A. Saving the Canadian Industry: Discussing possible solutions, 1:25.

ORZECHOWSKA, A. New TMP at Stora Enso's Port Hawkesbury. 1:28. ORZECHOWSKA, A. Freight Claims:

Avoiding costly legal battles, 3:15.
ORZECHOWSKA, A. Mill Managers'
Forum — Continuous improvement
and operational excellence, 4:27.

ORZECHOWSKA, A. Molecular Modeling Symposium: The practical side of theory. 10:16.

ORZECHOWSKA, A. Research at Paprican focuses on retrofitting existing equipment for the best results. 11:12.

ÖSTENSSON, J. See LINDGREN, T. OUELLET, B. See ASSELIN, C. OUELLET, D. See HOFFMAN, J. OUELLET, J. Paprican Day is all about networks and partnerships. 5:21.

P

PAICE, M. et al. Enzymes find their niche, 6:17. PALACEK, K. See ASSELIN, C.

PARISIEN, A. See ASSELIN, C. PARSONS, K. See LUTHE, C. PATAKFALVI, Z. Cariboo Pulp & Paper

 Brian Grantham, 2:21.
 PATAKFALVI, Z. Minas Basin Pulp and Power Co. Ltd. 3:10.

PATAKFALVI, Z. Norampac – Red Rock: Lorne Morrow. 4:15. PATAKFALVI, Z. St. Marys Paper – The

team at Sault Ste, Marie. 5:22. PATAKFALVI, Z. Bowater Canadian Forest Products: Thunder Bay Mill Operations. 6:12.

PATAKFALVI, Z. Papeterie Alma – jewel in the Abitibi-Consolidated operation, 7/8:18.

PATAKFALVI, Z. La Papeterie Saint-Armand – David Carruthers, 9:19.

PATAKFALVI, Z. Bennett Fleet Group: Success since 1912. 10:18.

PATAKFALVI, Z. Tolko and The Pas, Manitoba – A strong and successful relationship. 11:18.

PATAKFALVI, Z. Tembec Skookumchuk – Brian Clifford. 12:21.

PICCIONE, J. Chemical costs take off. 1:11.

PROCTER, A.R. IT Commoditization. 1:61.

PROCTER, A.R. Prospects for the new development frontiers. 3:49, PROCTER, A.R. The Southwest

Airlines message. 4:61. PROCTER, A.R. Driving forces I. 5:53. PROCTER, A.R. Driving forces II: A

critical component for informed decision making, 7/8:27. PROCTER, A. Biofuels: A trend that may begin to influence energy

markets. 10:27.
PROCTER, A.R. Consumer power:

Threats and opportunities from this new dynamic. 11:27. PUOLAKKA, H.-M. et al. Applicability of the chin composition model in

PUOLAKKA, H.-M. et al. Applicability of the chip compaction model in the controlling of the digester. (T194) 9:40.

R

RAGNAR, M. 2-stage bleaching of oxygen delignified HW kraft pulp to full brightness: Practically possible by changing DO to D*. (T97) 4:56.

RAJAB, M.S. See ORORI, B.O. RANTANEN, R. et al. Modelling of kappa number in Downflow Lo-Solids cooking using Gustafson's model. (T106), 5:31.

REATH, S.M. See WATSON, P.A. REID, C. See KISH, J.R.

REID, D.W. et al. The impact of sample temperature on pH of extraction stage filtrates. (T153) 7/8:33.

REID, I. See RICARD, M.

RICARD, M. et al. Pectinase reduces cationic chemical costs in peroxidebleached mechanical grades. (T264). 12:84.

RICARD, M. et al. Pectinase reduces the cationic demand of peroxidebleached TMP: A paper machine trial. (T258) 12:78.

RICHARDSON, B. Monitoring carryover at the brownstock washers. (T144) 6:43,

RIDLEY, R. See HENRY, D. RIFFON, R. See ASSELIN, C. RINGROSE, B. See THAKORE, A.

ROUAIX, S. See LEDUC, C. ROWAT, A. See RUPPENSTEIN, J. RUPPENSTEIN, J. et al.

Implementation and assessment of extraction stage control at ACI, Fort Frances, Ontario. (T220) 10:56.

5

SAIN, M. See SREEKUMAR, J. SAMSON, S. Safety at Stora Enso Port Hawkesbury. 1:62. SAVULESCU, L. et al. Water and energy savings at a kraft paperboard mill using process integration. (T183) 9:29.

SCHOEFIELD, M. See ALLEN, L. SCHOELKOPF, J. See GANE, P.A.C. SETH, R.S. Understanding sheet

extensibility. (T31) 2:33. SHAHERTY, S. Trends and market development. 9:21.

SIMILĂ, E. See RANTANEN, R. SINGBEIL, D.L. See KISH, I.R.

SITHOLÉ, B. New method of measuring the pH of wood chips. (T235) 11:42.

SITUMA, M.L. Sec ORORI, B.O.

SKÅRGÅRD, O. et al. Production results from control of the coating consolidation process on coated carton board. (T102) 5:27.

SMITH, D. See MACLEOD, M.

SREEKUMAR, J. et al. Styrene maelic anhydride imide-resin (SMAI): a novel cationic additive in paper coating for ink-jet printing. (T67) 3:38.

STIRLING, R. et al. A rapid method of predicting wood chip decay using FTIR spectroscopy. (116) 5:41.

SUESS, H.U. et al. Progress in bleaching to top brightness with low reversion. (T204, 10:40.

SUSILO, R. et al. Partitioning of iron, manganese, copper between fibres and liquor and the role of water chemistry. (T88) 4:47.

T

TAGUCHI, Y. See ARAKAWA, Y.
THAKORE, A. et al. The use of
magnesium hydroxide as a cost
effective cellulose protecor in the
pressurized alkaline peroxide (Eop)
bleaching stage. (T121) 5:46.

THIBODEAU, J.-B. et al. Calcium ion removal by a synthetic zeolite in the manufacture of mechanical grade papers. (T71) 3:42.

TRAN, H. See VILLARROEL, R. TREMBLAY, M.-A. See MACLEOD, M. TRUNG, T. See STIRLING, R. TURCOTTE, F. See LEDUC, C.

\mathbf{V}

VILLARROEL, R. et al. Experience of screen tube damage caused by falling deposits in kraft recovery boilers. (T273) 12:93.

W

WAJER. M. See LI, Z.
WAJER, M. See THAKORE, A.
WAKEMAN, G. See AIN, R.
WATSON, D. See SKÄRGÄRD, O.
WATSON, P. See MISCHKI, T.
WATSON, P.A. et al. The pulping
properties of second-growth western
hemlock: Part I: Kraft pulping.
(T159) 7/8:39.
WATSON, P.A. et al. The pulping

WATSON, P.A. et al. The pulping properties of second-growth western hemlock: Part II: Thermomechanical pulping. (T164) 7/8:44.

WATSON, R. See RICARD, M. WENNERSTRÖM, M. Decreasing brightness reversion with powerful ozone bleaching, (T9) 1:41.

WENSLEY, A. See KISH, J.R.

WILLIAMSON, M. There's new life in the old dryer section. 2:14.

WINCHELL, P. Using multivariate data analysis for process troubleshooting. (T149) 7/8:29.

Y

YAN, N. See BERNARD, G. YOUNG, J. See MACLEOD, M. YUAN, H. See HENRY, D. YUEN, B.K. See WATSON, P.A.

Z

ZHANG, X. See PAICE, M.

BY TITLE OR SUBJECT

200th Anniversary of papermaking in Canada, D. Carruthers, 9:10.

2-STAGE bleaching of oxygen delignified HW kraft pulp to full brightness: Practically possible by changing D0 to D*. M. Ragnar. (T97) 4:56.

A

A call for change – MidWest 2005. H. Lynch, 11:20.

AL-PAC cashes in on hybrid poplar research. T. Kryzanowski. 2:18.
AN AUTOPSY of refiner mechanical

pulp. K. Law. (T5) 1:37. ANALYZING contaminants in OCC:

ANALYZING contaminants in OCC: Wax or not wax? B. Cao et al. (T82) 4:41.

APPLICABILITY of the chip compaction model in the controlling of the digester. H.-M. Puolakka et al. (T194) 9:40.

AUTOMATED methods for the determination of sclereids in pulp. D. Henry et al. (T130) 6:29.

R

BACK to the future in sheeting and converting. J.P. Dupré. 6:14.

BENNETT Fleet Group Incorporated – Success since 1912. Z. Patakfalvi. 10-18

BIOFUELS: A trend that may begin to influence energy markets. A.R. Procter. 10:27.

BLEACHED PULPS. Pectinase reduces the cationic demand of peroxidebleached TMP: A paper machine trial. M. Ricard et al. (T258) 12:78.

BLEACHING. Decreasing brightness reversion with powerful ozone bleaching. M. Wennerström. (T9) 1:41. The use of magnesium hydroxide as a cost effective cellulose protector in the pressurized alkaline peroxide (Eop) bleaching stage. A. Thakore et al. (T121) 5:46. Using magnesium hydroxide (MgOH)2) as the alkali source in peroxide bleaching at Irving Paper. Z. Li et al. (T125) 6:24. Bleaching – is it an ECF world after all? M. MacLeod. 9:16.
BOARD MILLS. Water and energy

savings at a kraft paperboard mill using process integration. L. Savulescu et al. (T183) 9:29.

BOWATER Canadian Forest Products – Don Campbell of Thunder Bay Mill Operations. Z. Patakfalvi. 6:12.

BRIGHTNESS. Progress in bleaching to top brightness with low reversion. H.U. Suess et al. (T204) 10:40.

BROWNSTOCK WASHING.

Monitoring carryover at the
brownstock washers. B. Richardson.
(T144) 6:43.

BUSINESS Luncheon: Cautious but constructive, H. Lynch, 4:27,

C

CALCIUM ion removal by a synthetic zeolite in the manufacture of mechanical grade papers. J.-B. Thibodeau et al. (T71) 3:42.

CAPITAL EXPENDITURES. Capital expenditures lead to capital rewards. H. Lynch. 3:12.

CARIBOO Pulp & Paper – Brian Grantham, Z. Patakfalvi, 2:21,

CATIONIC COMPOUNDS. Pectinase reduces cationic chemical costs in peroxide-bleached mechanical grades. M. Ricard et al. (T264) 19-84.

CENTRE International de Couchage meets customer satisfaction. H. Lynch, 10:25

CHEMICALS. Higher energy prices fuel increases as chemical costs take off. J. Piccione. 1:11.

CHINA: Risks and rewards, B. McIntyre, 12:31.

CHIP QUALITY. Wood chip physical quality definition and measurement. F. Ding et al. (T25) 9-97.

CHIPS. Crushing: Is this any way to treat overthick softwood chips for kraft pulping? M. MacLeod et al. (T42) 2:44.

COATING. Production results from control of the coating consolidation process on coated carton board. O. Skärgård et al. (T102) 5:27. Centre International de Couchage meets customer satisfaction. H. Lynch.

COMBUSTION, BLSpray: Understanding the effects of black liquor properties and splash-plate nozzle configuration on spray characteristics. D. Levesque et al. (T198) 16-34.

CONFERENCE. The International Printing and Graphic Arts Conference. H. Heintze. 1:17. Pacific Coast Branch Technical Mini-Conference has winning combination. H. Lynch. 6:22. PacWest 2005: Partners for a progressive future. H. Lynch. 7/8:12. International Pulp Bleaching Conference – Is it an ECF world after all? M. MacLeod. 9:16. Molecular Modelling Symposium: The practical side of theory. A. Orzechowska. 10:16. A call for change – MidWest 2005. H. Lynch. 11:20. CONSUMER Power: Threats and opportunities from this new dynamic. A.R. Procter. 11:27.

CONVERTING. Back to the future in sheeting and converting. J.P. Dupré. 6:14

CORROSION. Thiosulphate and paper machine corrosion. A. Garner. 2:10. Near-drum tube thinning in coastal power boilers. J.R. Kish et al. (T173) 7/8:53.

CRACKING and corrosion performance of composite tubes and air port designs in a kraft recovery boiler. J.R. Kish et al. (T223) 11:30.

CRACKS in global safety management thinking. J. Little. 7/8:62.

CROSS profile qualities for ultra-thin papers. J. Lepper. (T186) 9:32.

CRUSHING: Is this any way to treat over-thick softwood chips for kraft pulping? M. MacLeod et al. (T42) 2-44.

CUSTOMIZED setup to assess microgloss uniformity of paper. G. Bernard et al. (T190) 9:36.

D

DEBARKING. Automated methods for the determination of sclereids in pulp. D. Henry et al. (T130) 6:29.

DECAY. A rapid method of predicting wood chip decay using FTIR spectroscopy. R. Stirling et al. (T116) 5:41.

DECOLORIZATION of a pulp and paper mill effluent in Webuye Kenya by a combination of electrochemical and coagulation methods, B.O. Orori et al. (T50) 3-91

DECREASING brightness reversion with powerful ozone bleaching. M. Wennerström. (T9) 1:41.

DETAILED field-based information prolongs machinery health. B. Humes, 5:24.

DRIVING Forces I: Economic and social trends that can influence strategic decisions, A.R. Procter. 5-59.

DRIVING Forces II: A critical component for informed decision making. A.R. Procter. 7/8:27.

E

ECONOMICAL measurement of rotogravure cell skipping, H. Heintze. (T1) 1:33.

EFFECTIVENESS of retention aids for pitch control in TMP newsprint manufacture. Part I: Low Shear. L.H. Allen et al. (T282) 12:102.

EFFECTIVENESS of retention aids for pitch control in TMP newsprint manufacture. Part II: High shear. L.H. Allen et al. (T288) 12:108.

EFFECTS of decadent western hemlock on pulping and pulp properties. T. Mischki et al. (T17) 1:49.

EFFECTS of sulphonation and highintensity refining on the ultra-highyield pulping of spruce, O. Chagaev et al. (T245) 12:65. ENERGY. The future of energy in the post-Kyoto world. P.J. Greenbaum. 7/8:20.

ENVIRONMENT. Kyoto and what it means for the forest sector. M. Bradley et al. 4:10.

ENVIRONMENTAL footprint. H. Lynch, 12:16.

ENZYMATIC ACTIVITY. New generation of enzymatic delignification and bleaching. H.-P. Call et al. (T13) 1:45.

ENZYMES find their niche. M. Paice et al. 6:17

ENZYMES: Using Mother Nature's tools to control man-made stickies. D. Jones. 2:23.

EXPERIENCE of screen tube damage caused by falling deposits in kraft recovery boilers. P. Villarroel et al. (T273) 12-93.

EXPERIENCE with high pressure and high temperature recovery boilers for two decades. Y. Arakawa et al. (T269) 12:89.

F

FIBRE STRUCTURE. The pulping properties of second-growth western hemlock: Part I: Kraft pulping, P.A. Watson et al. (T159) 7/8:39.

FIRST Century, R.T. Boughner, 12:25. FIVE steps that ensure major maintenance success: Avoiding the trap of unintended consequences.

G.C. Elliott. 11:23. FORESTRY. Global Forest and Paper Industry Summir 2005. 4:65.

FREIGHT Claims: Avoiding costly legal battles. A. Orzechowska, 3:15.

FUNDAMENTALS of fluid front roughening in imbibition. M. Dubé et at. (T178) 9:24.

FUTURE of energy in the post-Kyoto world. P.J. Greenbaum. 7/8:20.

FUTUREVIEWS NET, IT commoditization: Implications for the new wave of software outsourcing, A.R. Procter, 1:61. The Tiger and the Dragon: Prospects for the new development frontiers. A.R. Procter, 3:49. The Southwest Airlines message: Where is paper's new competitive business model? A.R. Procter. 4:61. Driving forces I: Economic and social trends that can influence strategic decisions, A.R. Procter. 5:53. Driving forces II: A critical component for informed decision making, A.R. Procter. 7/8:27. Biofuels: A trend that may begin to influence energy markets. A.R. Procter. 10:27. Consumer

G

GLOBAL Forest and Paper Industry Summit 2005, FPAC, 4:65.

from this new dynamic. A.R.

Procter. 11:27.

power: Threats and opportunities

H

HARMONIZING your paper machine operation: Getting all the loops to work in concert, D. Lang et al. (T210) 10:46. HIGHER energy prices fuel increases as chemical costs take off. J. Piccione. 1:11.

HISTORY. 200th Anniversary of papermaking in Canada. D. Carruthers. 9:10.

HOW electricity can kill. C. Hunter. 9-54

T

IMPACT of sample temperature on pH of extraction stage filtrates. D.W. Reid et al. (T153) 7/8:33.

IMPACTS of ink properties on downstream piling. R. Ain et al. (7955) 19-75.

IMPLEMENTATION and assessment of extraction stage control at ACI, Fort Frances, Ontario. J. Ruppenstein et al. (T220) 10:56.

IMPROVED deresination during oxygen delignification. Part II: effects of blended surfactant addition. L. Allen et al. (T39) 2:41.

INDIA: The making of an economy.

INDUSTRY TRENDS. Pulp and paper mills, especially in Canada, strained more than ever by costs and currency issues. D. Keaton. 11:9.

INK ABSORBTION. Fundamentals of fluid front roughening in imbibition. M. Dubé et al. (T178) G-94

INK PERFORMANCE. Impacts of ink properties on downstream piling. R. Ain et al. (T255) 12:75.

INSTANT messaging: A new form of business communication. D. Davies. 7/8-61.

INTERNATIONAL MARKETS. India: The making of an economy. P.J. Greenbaum, 5:16.

INTERNATIONAL Printing and Graphic Arts Conference. H. Heintze. 1:17.

IT commoditization: Implications for the new wave of software outsourcing, A.R. Procter, 1:61.

K

KRAFT MILLS. Cracking and corrosion performance of composite tubes and air port designs in a kraft recovery boiler. J.R. Kish et al. (T223) 11:30. Experience of screen tube damage caused by falling deposits in kraft recovery boilers. R. Villarroel et al. (T273) 12:93.

KRAFT PULPING. The first century R.T. Boughner. 12:25.

K.I. Bougnner. 12:29.

KRAFT PULPS. Improved deresination during oxygen delignification. Part II: Effects of blended surfactant addition. L. Allen et al. (T39) 2:41. Partitioning of iron, manganese, copper between fibres and liquor and the role of water chemistry. R. Susilo et al. (T88) 4:47. A precise method to measure the sclereid content of kraft pulps. J. Hoffmann et al. (T168) 7/8:48. Pulping of white birch: How to maximize yield. C. Luthe et al. (T277) 12:97.

KYOTO and what it means for the forest sector, M. Bradley et al. 4:10.

L

LA PAPETERIE Saint-Armand — David Carruthers, Z. Patakfalvi, 9:19.

M

MACHINE CLOTHING. Taking a closer look; Innovations in topographical analysis. Pulp & Paper Canada Special Report, 10:12.

MAINTENANCE. Understanding vibration and imbalance in industrial fans. L. Gutzwiller et al. 7/8:23. Research at Paprican focuses on retrofitting existing equipment for the best results. A. Orzechowska. 11:12. The five steps that ensure major maintenance success: Avoiding the trap of unintended consequences. G.C. Elliott. 11:23.

MANAGEMENT. Saving the Canadian industry: discussing possible solutions. A. Orzechowska. 1:24. Management makes the biggest difference. C. Hunter, 9:46.

MATHEMATICAL MODELS. A mathematical model of the groundwood process: Part 1: General. D.B. Brewster, (T137) 6:36. A mathematical model of the groundwood process: Part 2: Log grinding. D.B. Brewster et al. (T141) 6:40.

MECHANICAL PAPERS. Calcium ion removal by a synthetic zeolite in the manufacture of mechanical grade papers. J.-B. Thibodeau et al. (T71) 3-49

MECHANICAL PULPING. The effects of sulphonation and high-intensity refining on the ultra-high-yield pulping of spruce. O. Chagaev et al. (T245) 12-65.

MILL Manager's Forum: Continuous improvement and operational excellence, A. Orzechowska, 4:27.

MILL PEOPLE. Cariboo Pulp & Paper - Brian Grantham, Z. Patakfalvi, 2:21. Minas Basin Pulp and Power Co. Ltd. - Scott Travers. Z. Patakfalvi, 3:10. Norampac - Red Rock: Lorne Morrow, Z. Patakfalvi, 4:15. St Marys Paper - the team at Sault Ste. Marie, Z. Patakfalvi, 5:22. Don Campbell of Bowater Thunder Bay, Z. Patakfalvi, 6:12. Paneterie Alma - Jewel in the Abitibi-Consolidated operation. Z. Patakfalvi. 7/8:18. La Papeterie Saint-Armand - David Carruthers. Z. Patakfalvi, 9:19. Bennet Fleet Group Incorporated - Success since 1912. Z. Patakfalvi. 10:18. Tolko and The Pas, Manitoba - a strong and successful relationship. Z. Patakfalvi. 11:18. Tember Skookumchuk -Brian Clifford, Z. Patakfalvi, 12:21. MILL process optimization: Staying

MILL process optimization: Staying competitive. D. Bouchard. 9:13. MILL. New TMP at Stora Enso's Port

Hawkesbury, A. Orzechowska. 1:28.MINAS Basin installs thermal energy technology, H. Lynch. 10:20.

MINAS BASIN Pulp and Power Co. Ltd. – Scott Travers, Z. Patakfalvi. 3-10

MODEL predictive control of the chip level in a continuous pulp digester, a case study. T. Lindgren et al. (T299) 11-46.

MODELLING of kappa number in downflow lo-solids cooking using Gustafson's model. R. Rantanen et al. (T106) 5-31

MOLECULAR Modelling Symposium: the practical side of theory. A. Orzechowska, 10:16.

MONITORING carryover at the brownstock washers. B. Richardson. (T144) 6:43

MULTISTAGE PROCESS. 2-stage bleaching of oxygen delignified HW kraft pulp to full brightness: Practically possible by changing D0 to D*. M. Ragnar. (197) 4:56.

N

NANO Monientum, M. Koepenick.

NANOTECHNOLOGY. Nano Momentum. M. Koepenick, 1:20. Paprican and NanoQuébec sign agreement. Special Report to Pulp & Paner Canada. 3:19

NEAR-drum tube thinning in coastal power boilers. J.R. Kish et al. (T173) 7/8-53

NEW generation of enzymatic delignification and bleaching. H.-P. Call et al. (T13) 1:45.

NEW method of measuring the pH of wood chips. B. Sitholé. (T235) 11-42.

NEW TMP at Stora Enso's Port Hawkesbury. A. Orzechowska. 1:28. NORAMPAC – Red Rock: Lorne Morrow. Z. Patakfalvi. 4:15.

NORTH AMERICAN experience with composite tubes in kraft recovery boilers. J.R. Kish et al. (T75) 4:34.

0

ONLINE WITH PULP & PAPER. RFID

Radio Frequency IDentification.

D. Davies. 2:17. What's the
problem? D. Davies. 3:48. VOIP
(Voice over Internet protocol) D.
Davies. 5:15. Travels with my agent.
D. Davies. 6:11. Instant messaging: A
new form of business
communication. D. Davies. 7/8:61.
Voicemail jail. D. Davies. 11:17.
WeBlogs. D. Davies. 12:39.
OUT-of-round paper rolls. D.

OUT-of-round paper rolls, D. McDonald et al. (T110) 5:35.

P

PACIFIC Coast Branch Technical Mini-Conference has winning combination. H. Lynch. 6:22.

PACWEST 2005: Partners for a progressive future. H.Lynch. 7/8:12.

PAPER COATINGS. Styrene maleic anhydride imide resin (SMAI): a novel cationic additive in paper coating for ink-jet printing. J. Sreekumar et al. (T67) 3:38.

PAPER GLOSS. Customized setup to assess microgloss uniformity of paper. G. Bernard et al. (T190) 9:36. PAPER ROLLS. Out-of-round paper rolls. D. McDonald et al. (T110) 5:35.

PAPER users face new blue box tax in Ontario and Quebec. J. Mullinder. 7/8-15

PAPERWEEK International 2005.
Strength in flexibility. 4:18. Awards and Honours. 4:19. Gadget Awards: Building better mousetraps. 4:24.
Business Luncheon: Cautious but constructive. H. Lynch. 4:27. Mill Managers' Forum: Continuous improvement and operational excellence. A. Orzechowska. 4:27.

PAPETERIE ALMA – Jewel in the Abitibi-Consolidated operation. Z. Patakfalvi. 7/8:18.

PAPRICAN and NanoQuébec sign agreement. Special Report to Pulp & Paper Canada. 3:19.

PAPRICAN Day is all about networks and partnerships. J. Ouellet. 5:21.

PARTITIONING of iron, manganese, copper between fibres and liquor and the role of water chemistry. R. Susilo et al. (T88) 4:47.

PECTINASE reduces cationic chemical costs in peroxide-bleached mechanical grades. M. Ricard et al. (T264) 12:84.

PECTINASE reduces the cationic demand of peroxide-bleached TMP: A paper machine trial. M. Ricard et al (T258) 12:78.

PERFORMANCE EVALUATION.
Experience with high pressure and high temperature recovery boilers for two decades. Y. Arakawa et al. (T269) 12:89. Effectiveness of retention aids for pitch control in TMP newsprint manufacture. Part I: Low Shear. L.H. Allen et al. (T282) 12:102. Effectiveness of retention aids for pitch control in TMP newsprint manufacture. Part II: High shear. L.H. Allen et al. (T288) 12:108.

PERFORMANCE improvement challenges: The way ahead. E. Miller: 10:28.

PEROXIDE BLEACHING. Peroxide bleaching of low-freeness TMP. Z.Liu et al. (T63) 3:34. Use of zeolites for the peroxide bleaching of mechanical pulp. C. Leduc et al. (T92) 4:51.

pH. The impact of sample temperature on pH of extraction stage filtrates. D.W. Reid et al. (T153) 7/8:33.

PILOT testing and full-scale implementation of the low sludge production (LSP) process. C. Asselin et al. (T133) 6:32.

PLCS help minimize downtime and training costs at Norske Canada's Crofton division paper mill. S. Hinde et al. 10:30.

POLYMERS. Analyzing contaminants in OCC: Wax or not wax? B. Cao et al. (T82) 4:41.

POLYSULPHIDE pulping of western softwoods: Yield benefits and effects on pulp properties. C. Luthe et al. (T56) 3:27. POM technology – from idea to product. Pulp & Paper Canada Special Report. 10:22.

PPHSA celebrates 90 years of health and safety achievement. C. Hunter. 6:50.

PRECISE method to measure the sclereid content of kraft pulps. J. Hoffman et al. (T168) 7/8:48.

PREVENTING electrocution. C. Hunter, 3:50.

PRINT QUALITY. The economical measurement of rotogravure cellskipping. H. Heintze. (T1) 1:33.

PRINT rub determination: A novel laboratory method to simulate practice, P.A.C. Gane et al. (T215) 10-51

PRINTABILITY. Printability of PEcoated paperboard with water-borne flexography: Effects of corona treatment and surfactants addition. B. Mesic et al. (T229) 11:36.

PRINTING TESTS. Print rub determination: A novel laboratory method to simulate practice. P.A.C. Gane et al. (T215) 10:51.

PROCESS CONTROL. Detailed fieldbased information prolongs machinery health. B. Humes. 5:24. A mathematical model of the groundwood process: Part 2: Log grinding, D.B. Brewster et al. (T141) 6:40. Using multivariate data analysis for process troubleshooting. P. Winchell. (T149) 7/8:29. Mill process optimization: Staying competitive. D. Bouchard. 9:13. Applicability of the chip compaction model in the controlling of the digester. H.-M. Puolakka et al. (T194) 9:40. Mill process optimization: Staving competitive. D. Bouchard. 9:13. PLCS help minimize downtime and training costs at Norske Canada's Crofton division paper mill. S. Hinde et al. 10:30.

Harmonizing your paper machine operation: Getting all the loops to work in concert. D. Lang et al. (T210) 10:46. Implementation and assessment of extraction stage control at ACI, Fort Frances, ON. J. Ruppenstein et al. (T220) 10:56. Model predictive control of the chip level in a continuous pulp digester, a case study. T. Lindgren et al. (T239) 11:46.

PRODUCT PROPERTIES.
Understanding sheet extensibility.
R.S. Seth. (T31) 2:33.

PRODUCTION results from control of the coating consolidation process on coated carton board. O. Skårgård et al. (T102) 5:27.

PROGRESS in bleaching to top brightness with low reversion. H.U. Suess et al. (T204) 10:40.

PROTOTYPES. Pilot testing and fullscale implementation of the low sludge production (LSP) process. C. Asselin et al. (T133) 6:32.

PULP and Paper Health and Safety Conference 2005. C. Hunter. 12:46. PULP and paper mills, especially in Canada, strained more than ever by costs and currency issues. D. Keaton. 11:9.

PULP PROPERTIES. The effects of decadent western hemlock on pulping and pulp properties. T. Mischki et al. (T17) 1:49. Polysulphide pulping of western softwoods: Yield benefits and effects on pulp properties. G. Luthe et al. (T56) 3:27. Pulping properties of second-growth western hemlock: Part I: Kraft pulping. P.A. Watson et al. (T159) 7:8:39.

PULP REFINING. An autopsy of refiner mechanical pulp. K. Law. (T5) 1:37.

PULPING of white birch: How to maximize yield. C. Luthe et al. (T277).

PULPING properties of second-growth western hemlock: Part II: Thermomechanical pulping, P.A. Watson et al. (T164) 7/8:44.

PWC REPORT. China: Risks and rewards. B. McIntyre. 12:31.

R

RAPID method of predicting wood chip decay using FTIR spectroscopy. R. Stirling et al. (T116) 5:41.

RECOVERY FURNACES. North American experience with composite tubes in kraft recovery boilers, J.R. Kish et al. (175) 4:34. Shape characteristics of nonspherical black liquor droplets. A. Kankkunen et al. (1251) 12:71.

RECYCLING. Paper users face new blue box tax in Ontario and Quebec. J. Mullinder. 7/8:15.

REDUCING bottleneck in high speed wraplines, J. Gronewold, 12:33, RELIABILITY<entred maintenance and dynamic maintenance safety – a

winning team. J. Little. 11:54.
RESEARCH at Paprican focuses on retrofitting existing equipment for the best results. A. Orzechowska.

RFID – Radio frequency IDentification. D. Davies. 2:17.

ROBOTS. Reducing bottleneck in high speed wraplines. J. Gronewold. 12:33.

C

SAFEST Mill in Canada 2004. H. Lynch. 4:66.

SAFETY at Stora Enso Port Hawkesbury, S. Samson, 1:62,

SAFETY MATTERS. Safety at Stora Enso Port Hawkesbury. S. Samson. 1:62. How electricity can kill. C. Hunter. 2:54. Preventing Electrocution. C. Hunter. 3:50. Safest Mill in Canada 2004. H. Lynch. 4:66. The problem with safety training. A. Calvo et al. 5:54. PPHSA celebrates 90 years of health and safety achievement. C. Hunter. 6:50. Cracks in global safety management thinking. J. Little. 7/8:62. The Top: Where OHS begins – Management makes the biggest difference. C. Hunter. 9:46. Top performing mills share new initiatives and best practices. J. Little. 10:62. Reliability-centered maintenance and dynamic maintenance safety – a winning team. J. Little. 11:54. Pulp and Paper Health and Safety Conference 2005. C. Hunter. 12:46.

SAFETY. Training for safety, training for problem solving, H. Lynch, 5:10.

SAVING the Canadian Industry: discussing possible solutions, A. Orzechowska, 1:24.

SHAPE characteristics of non-spherical black liquor droplets. A. Kankkunen et al. (T251) 12:71.

SOUTHWEST Airlines message: Where is paper's new competitive business model. A.R. Procter. 4:61.

SPECIALTY PAPERS. Cross profile qualities for ultra-thin papers. J. Lepper. (T186) 9:32.

ST. MARYS PAPER – Papermaking's 110 year relationship with the city of Sault Ste. Marie, Z. Patakfalvi, 5:22.

STYRENE maleic anhydride imide resin (SMAI): a novel cationic additive in paper coating for ink-jet printing. J. Sreekumar et al. (T67) 3:38.

SUPPLIER SOLUTIONS. There's new life in the old dryer section. M. Williamson. 2:14. Enzymes: Using Mother Nature's tools to control man-made stickies. D. Jones. 2:23. Minas Basin installs thermal energy technology. H. Lynch. 10:20.

SUSTAINABLE DEVELOPMENT. The environmental footprint. H. Lynch. 12:16.

T

TAKING a closer look: Innovations in topographical analysis. Pulp & Paper Canada Special Report. 10:12.

TEMBEC Skookumchuk – Brian Clifford, Z. Patakfalvi, 12:21.

THE PROBLEM with safety training, A. Calvo et al. 5:54.

THE TIGER and the Dragon: Prospects for the new development frontiers, A.R. Procter, 3:49.

THERE'S new life in the old dryer section. M. Williamson. 2:14.

THERMOMECHANICAL PULPS. The pulping properties of secondgrowth western hemlock: Part II: Thermomechanical pulping. P.A. Watson et al. (T164) 7/8:44.

THIOSULPHATE and paper machine corrosion, A. Garner, 2:10.

TISSUE. Trends and market development, S. Shaherty, 9:21.

TOLKO and The Pas, Manitoba – a strong and successful relationship. Z. Patakfalvi. 11:18.

TOP performing mills share new initiatives and best practices. J. Little. 10:62.

TRAINING for safety, training for problem solving. H. Lynch. 5:10. Performance improvement challenges: The way ahead. E. Miller. 10:28.

TRANSPORTATION. Freight Claims: Avoiding costly legal battles. A. Orzechowska, 3:15.

TRAVELS with my agent. D. Davies. 6:11.

TREE FARMING. Al-Pac cashes in on hybrid poplar research. T. Kryzanowski. 2:18.

U

UNDERSTANDING sheet extensibility. R.S. Seth. (T31) 2:33.

UNDERSTANDING the effects of black liquor properties and splash-plate nozele configuration on spray characteristics. D. Levesque et al. (T198) 10:34.

UNDERSTANDING vibration and imbalance in industrial fans. L. Gutzwiller et al. 7/7:23.

USE of magnesium hydroxide as a cost effective cellulose protector in the pressurized alkaline peroxide (Eop) bleaching stage. A. Thakore et al. (T121) 5:46.

USE of zeolites for the peroxide bleaching of mechanical pulp. C. Leduc et al. (T92) 4:51.

USING magnesium hydroxide (Mg(OH)2) as the alkali source in peroxide bleaching at Irving Paper. Z. Li et al. (T125) 6:24.

USING multivariate data analysis for process troubleshooting, P. Winchell. (T149) 7/8:29.

V

VOICEMAIL Jail, D. Davies, 11:17. VOIP (Voice over Internet protocol), D. Davies, 5:15.

W

WASTEWATER. Decolorization of a pulp and paper mill effluent in Webuye Kenya by a combination of electrochemical and coagulation methods. B.O. Orori et al. (T50)

WATER and energy savings at a kraft paperboard mill using process integration, L. Savulescu et al. (T183) 9:29.

WeBLOGS, D. Davies, 12:39.

WET END. POM technology - from idea to product. Pulp & Paper Canada Special Report, 10:22.

WHAT'S the problem? D. Davies, 3:48.
WOOD chip physical quality definition and measurement. F. Ding et al.
(T25) 2:27.

WOOD CHIPS. New method of measuring the pH of wood chips. B. Sitholé. (T235) 11:42.

WOOD FIBRE. Wood starvation more likely in future if allocation cutbacks continue. T. Kryzanowski et al. 4:30.

WOOD STARVATION more likely in future if allocation cutbacks continue. T. Kryzanowski et al. 4:30.

